Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060620\
Data File : VV016639.D
Acq On : 07 Jun 2020 12:54
Operator : SY/MD
Sample : L2862-13DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07DL

Quant Time: Jun 08 07:40:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152682	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	104142	41.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.98%			
7) Chloroethane-d5	1.56	69	66354	36.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.24%			
11) 1,1-Dichloroethene-d2	2.12	63	141870	31.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.78%			
21) 2-Butanone-d5	3.90	46	177016	110.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.30%			
24) Chloroform-d	4.37	84	229537	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.46%			
26) 1,2-Dichloroethane-d4	5.06	65	165227	52.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.76%			
32) Benzene-d6	5.07	84	456584	52.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.22%			
36) 1,2-Dichloropropane-d6	6.09	67	140848	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.18%			
41) Toluene-d8	7.34	98	405915	51.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.02%			
43) trans-1,3-Dichloropropene-	7.64	79	61516	46.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.46%			
47) 2-Hexanone-d5	8.11	63	127049	108.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.65%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184400	49.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	162035	56.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.94%			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	13903	3.581	ug/L	100
33) Benzene	5.12	78	4422033	459.645	ug/L	100
42) Toluene	7.41	91	252946	24.812	ug/L	99
52) Ethylbenzene	9.03	91	409376	36.896	ug/L	100
53) m,p-Xylene	9.16	106	19475	4.655	ug/L	98
54) o-xylene	9.57	106	29597	7.305	ug/L	98
56) Isopropylbenzene	9.95	105	5768	0.548	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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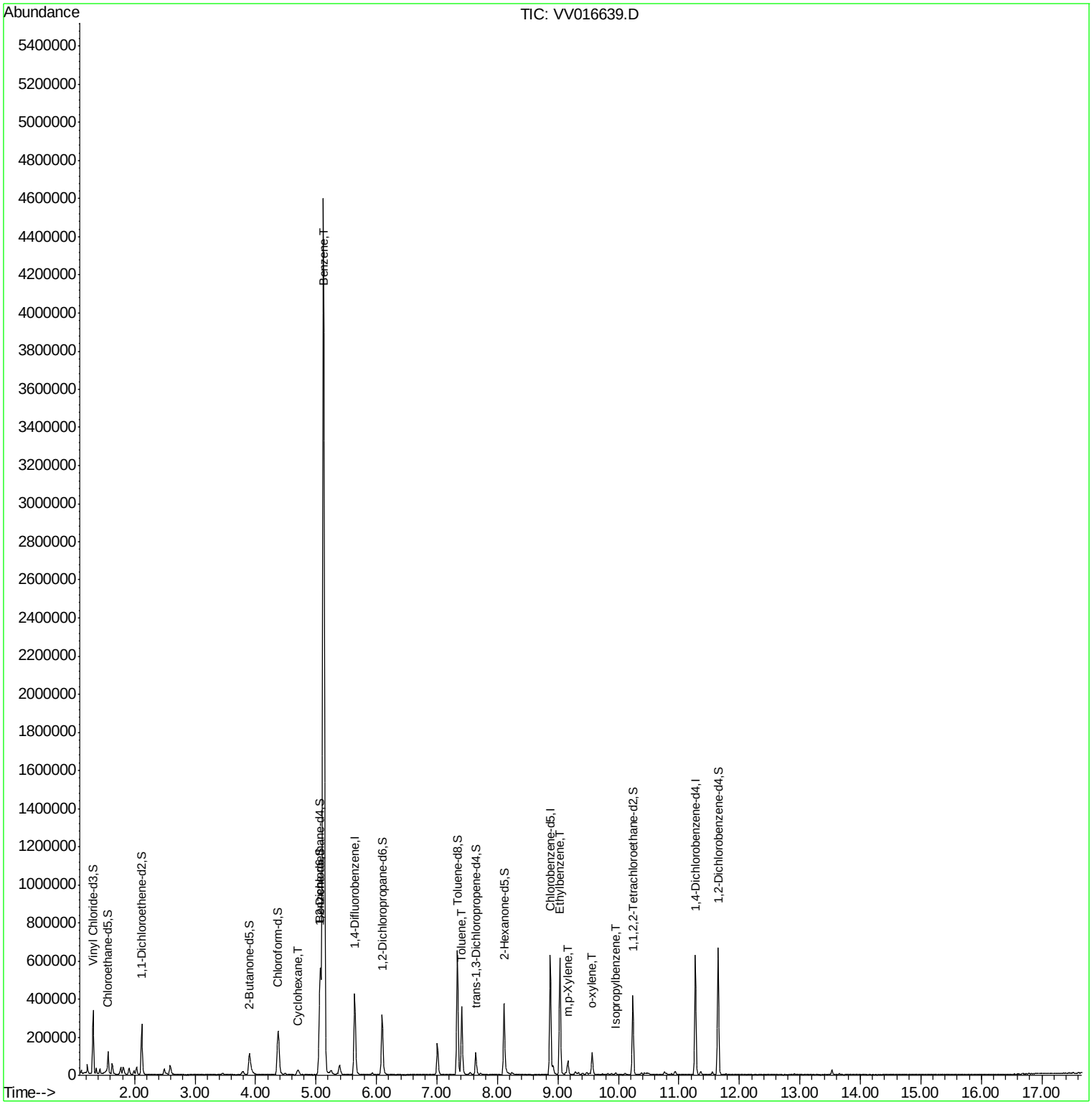
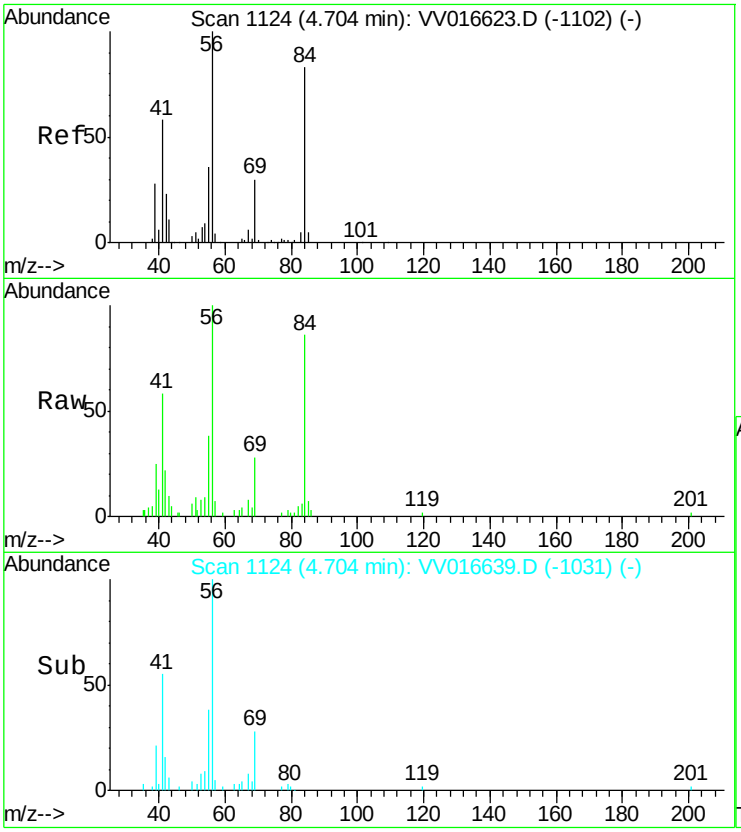


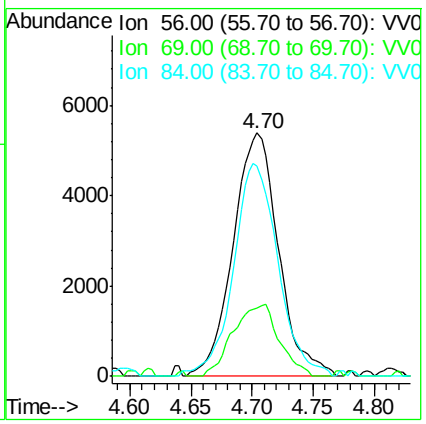


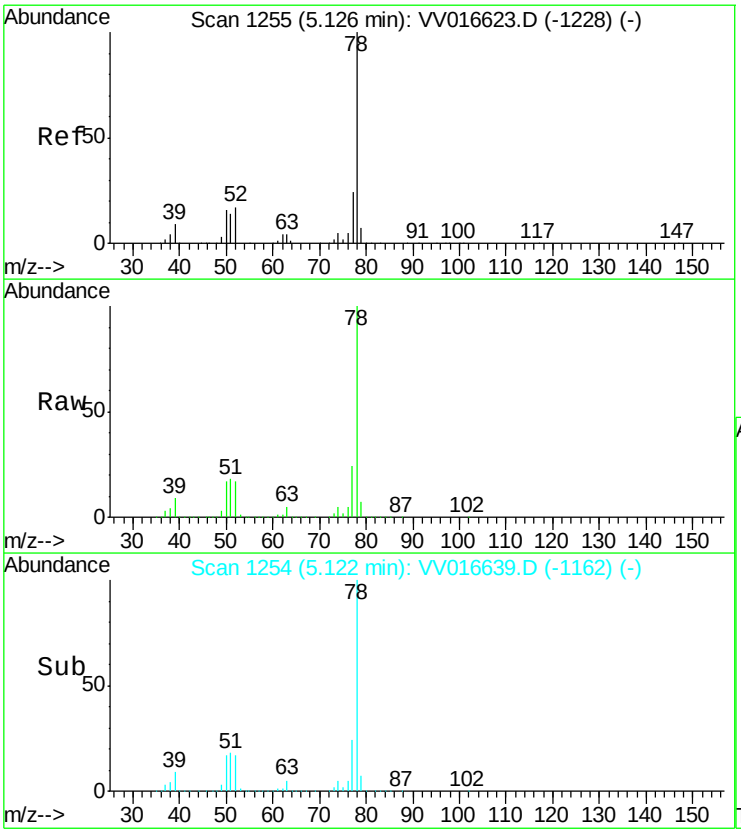
#29
Cyclohexane
Concen: 3.581 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Instrument : MSVOA_V
ClientSampleId : F9E07DL

Tgt Ion: 56 Resp: 13903

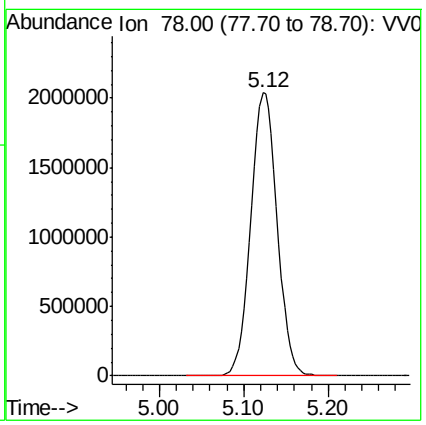
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.9	35.9
84	85.3	68.2	102.2

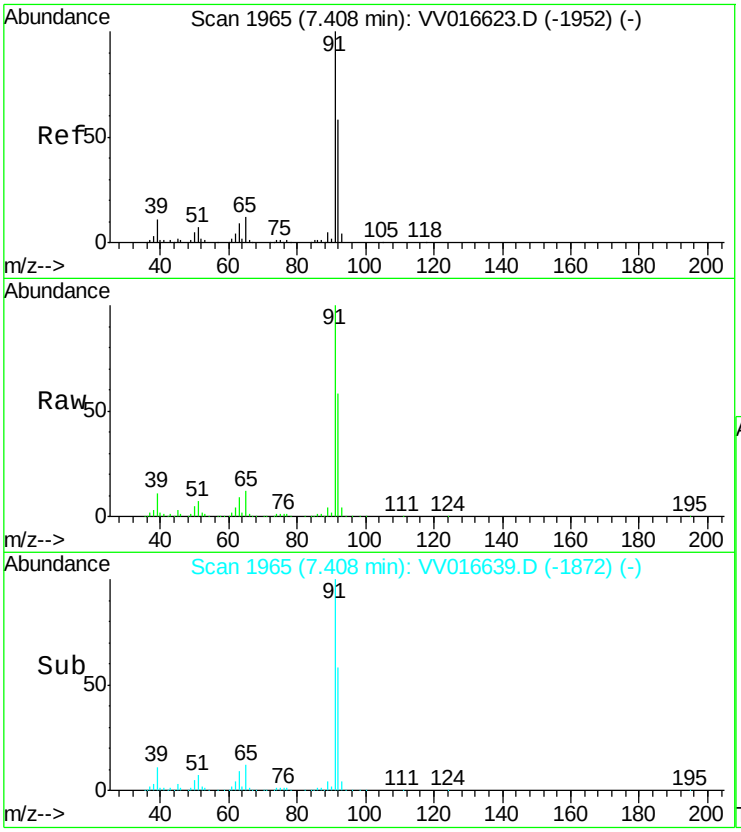




#33
Benzene
Concen: 459.645 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Tgt Ion: 78 Resp: 4422033



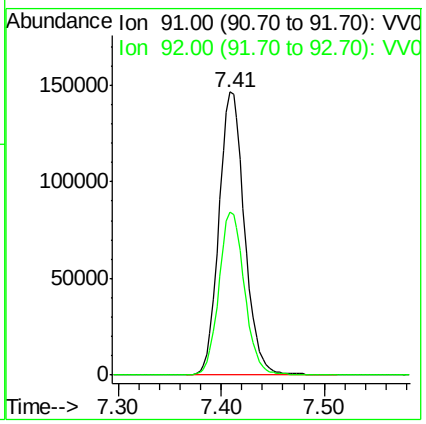


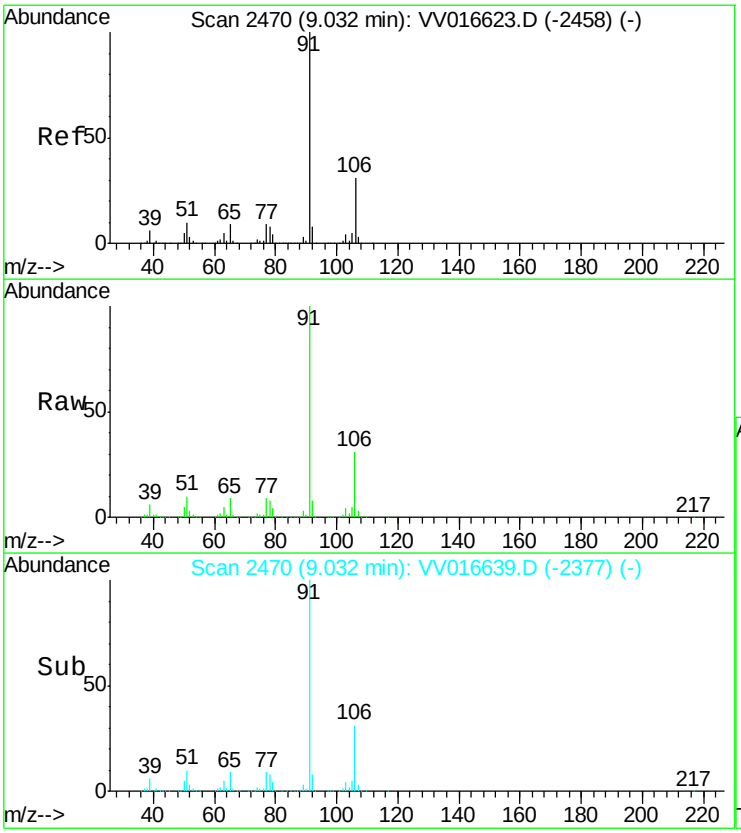
#42
Toluene
Concen: 24.812 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Instrument :
MSVOA_V
ClientSampleId :
F9E07DL

Tgt Ion: 91 Resp: 252946

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.9	75.9

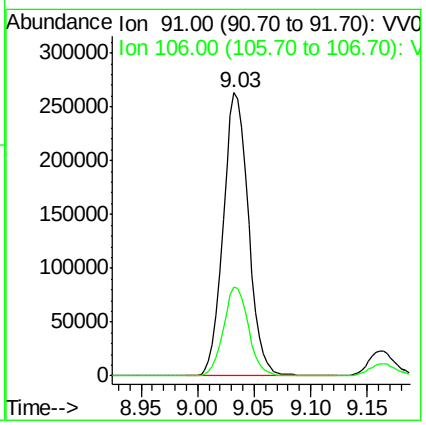


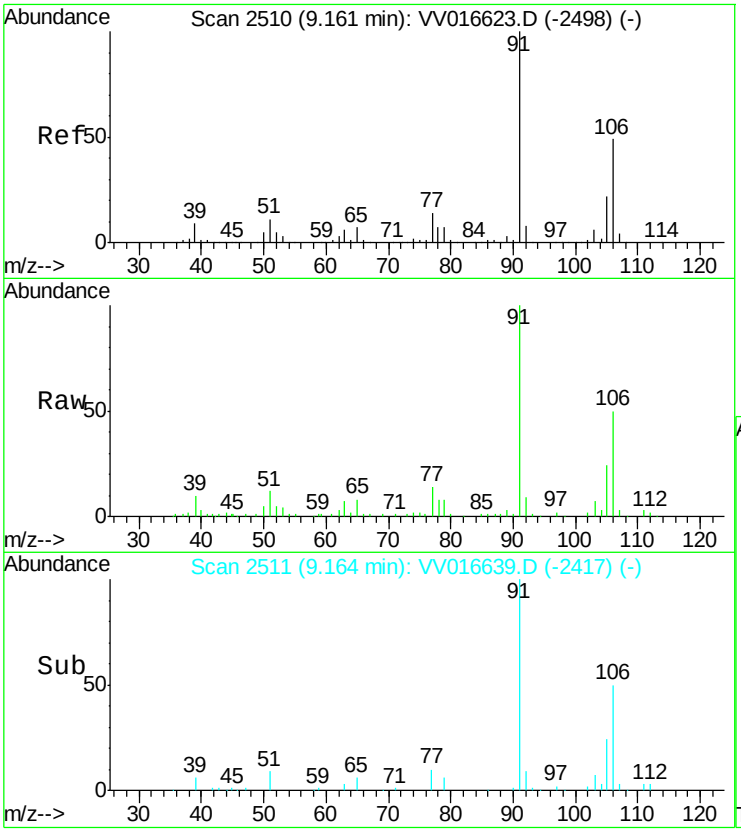


#52
Ethylbenzene
Concen: 36.896 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Tgt Ion: 91 Resp: 409376

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.8	40.4



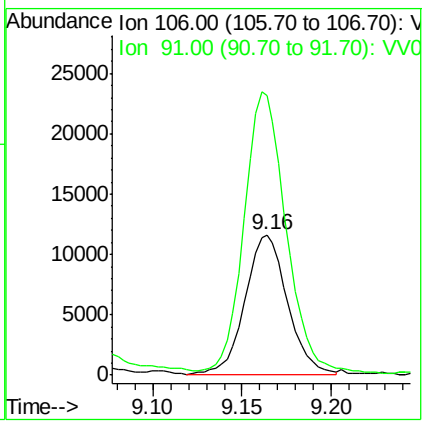


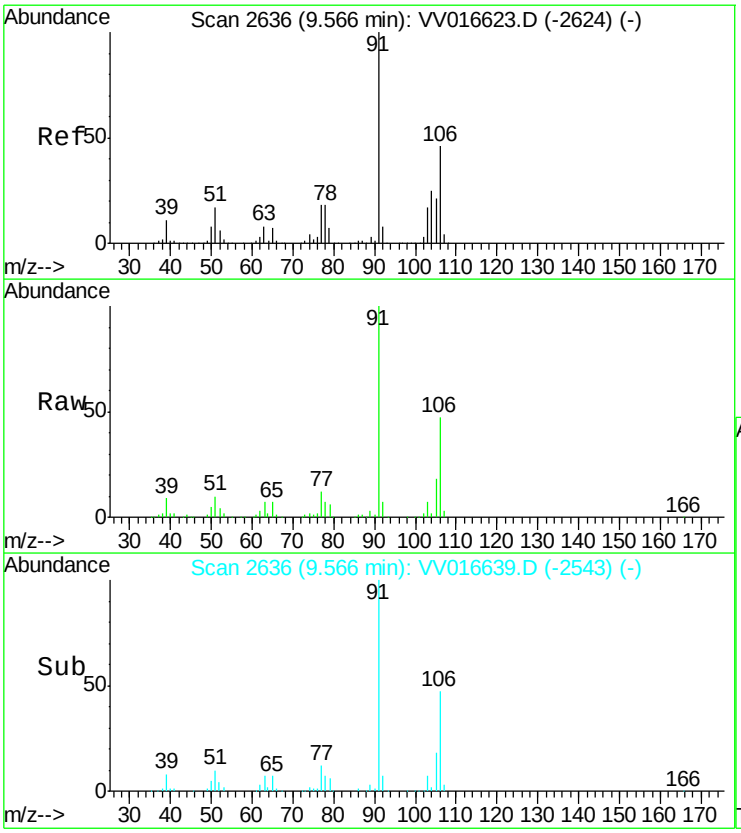
#53
m,p-Xylene
Concen: 4.655 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Instrument : MSVOA_V
ClientSampleId : F9E07DL

Tgt Ion:106 Resp: 19475

Ion	Ratio	Lower	Upper
106	100		
91	199.8	142.5	264.6

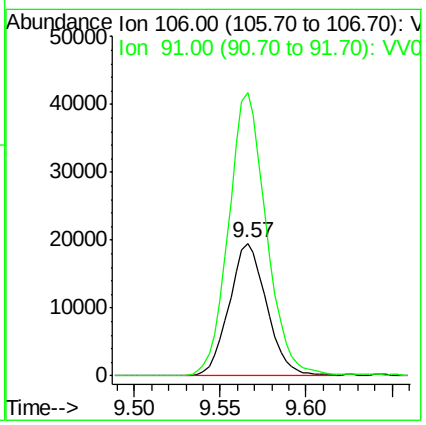


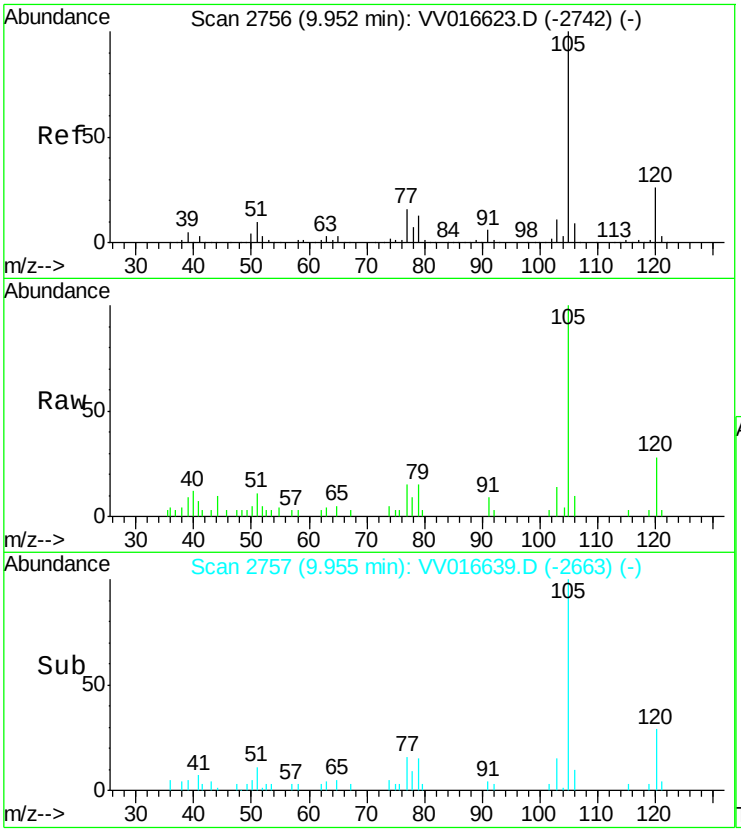


#54
o-xylene
Concen: 7.305 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Tgt Ion:106 Resp: 29597

Ion	Ratio	Lower	Upper
106	100		
91	213.9	152.5	283.1

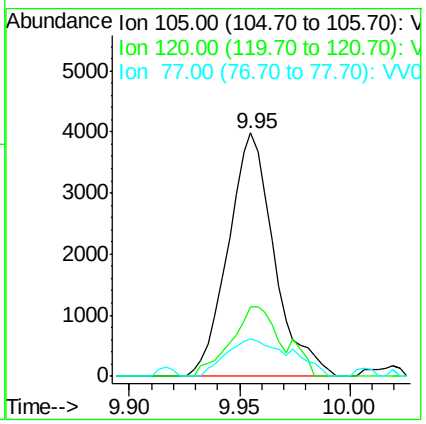




#56
Isopropylbenzene
Concen: 0.548 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016639.D
Acq: 07 Jun 2020 12:54

Tgt Ion:105 Resp: 5768

Ion	Ratio	Lower	Upper
105	100		
120	27.9	21.0	31.6
77	16.9	13.0	19.4



Instrument :
MSVOA_V
ClientSampleId :
F9E07DL